

Grade 3 Academic Standards

Unit 2 Lesson

Science

Standard 1 The Nature of Science and Technology

Technology and Science

- 3.1.6 Give examples of how tools, such as automobiles, computers, and electric motors, have affected the way we live.
- 3.1.8 Describe how discarded products contribute to the problem of waste disposal and that recycling can help solve this problem.

Standard 3 The Physical Setting

The Earth and the Processes that Shape It

- 3.3.7 Identify and explain some effects human activities have on weather.

Standard 4 The Living Environment

Human Identity

- 3.4.8 Explain that some things people take into their bodies from the environment can hurt them and give examples of such things.

Standard 6 Common Themes

Constancy and Change

- 3.6.5 Observe that and describe how some changes are very slow and some are very fast and that some of these changes may be hard to see and/or record.

Unit 2 - Activities 1 and 2 satisfy the following Indiana academic science standards:

Science

- 3.1.1 Recognize and explain that when a scientific investigation is repeated, a similar result is expected.
- 3.1.2 Participate in different types of guided scientific investigations, such as observing objects and events and collecting specimens for analysis.

- 3.1.3 Keep and report records of investigations and observations using tools, such as journals, charts, graphs, and computers.
- 3.1.4 Discuss the results of investigations and consider the explanations of others.
- 3.1.5 Demonstrate the ability to work cooperatively while respecting the ideas of others and communicating one's own conclusions about findings.
- 3.1.6 Give examples of how tools, such as automobiles, computers, and electric motors, have affected the way we live.
- 3.2.3 Keep a notebook that describes observations and is understandable weeks or months later.
- 3.2.4 Appropriately use simple tools, such as clamps, rulers, scissors, hand lenses, and other technology, such as calculators and computers, to help solve problems.
- 3.2.5 Construct something used for performing a task out of paper, cardboard, wood, plastic, metal, or existing objects.
- 3.4.8 Explain that some things people take into their bodies from the environment can hurt them and give examples of such things.
- 3.6.5 Observe that and describe how some changes are very slow and some are very fast and that some of these changes may be hard to see and/or record.